



SEQUENCE LISTING

<110> Kay, Mark A.
Yant, Stephen

<120> Methods of In Vivo Gene Transfer Using a
Sleeping Beauty Transposon System

<130> STAN-160CIP

<150> 60/162,279

<151> 1999-10-28

<150> 09/440,301

<151> 1999-11-17

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Lys	Val	Pro	Arg	Ser	Ser	Val	Gln	Thr	Ile	Val	Arg	Lys	Tyr	Lys	His
		35					40					45			
His	Gly	Thr	Thr	Gln	Pro	Ser	Tyr	Arg	Ser	Gly	Arg	Arg	Arg	Val	Leu
	50					55				60					
Ser	Pro	Arg	Asp	Glu	Arg	Thr	Leu	Val	Arg	Lys	Val	Gln	Ile	Asn	Pro
65				70					75					80	
Arg	Thr	Thr	Ala	Lys	Asp	Leu	Val	Lys	Met	Leu	Glu	Glu	Thr	Gly	Thr
				85					90					95	
Lys	Val	Ser	Ile	Ser	Thr	Val	Lys	Arg	Val	Leu	Tyr	Arg	His	Asn	Leu
		100						105					110		
Lys	Gly	Arg	Ser	Ala	Arg	Lys	Lys	Pro	Leu	Leu	Gln	Asn	Arg	His	Lys
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Lys	Ala	Arg	Leu	Arg	Phe	Ala	Thr	Ala	His	Gly	Asp	Lys	Asp	Arg	Thr
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Phe	Trp	Arg	Asn	Val	Leu	Trp	Ser	Asp	Glu	Thr	Lys	Ile	Glu	Leu	Phe
145				150					155					160	
Gly	His	Asn	Asp	His	Arg	Tyr	Val	Trp	Arg	Lys	Lys	Gly	Glu	Ala	Cys
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Lys	Pro	Lys	Asn	Thr	Ile	Pro	Thr	Val	Lys	His	Gly	Gly	Gly	Ser	Ile
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 agtttaatgt atttggctaa ggtgtatgta aacttccgac ttcaactg 228